

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

FACT SHEET

(pursuant to NAC 445A.236)

Permittee Name: My Own Mobile Home Park
HCR 70, Box 562-D
Amargosa Valley, NV 89020

Permit Number: NEV80013

Flow: 30-Day Average Flow: 0.022 MGD
Daily Maximum Flow: 0.032 MGD

Location: Latitude: 36° 24' 52" N
Longitude: 116° 25' 02" W
Township 18 South, Range 49 East, Section 2

General:

My Own Mobile Home Park operates a wastewater treatment facility serving a mobile home park. The mobile home park has been operated under NDEP permit since 1978. The facility currently serves nine connections, and the maximum number of connections has been set at 39 (approximately 10,000 gallons per day), at the request of the Permittee. The Park is located on the east side of Highway 373, approximately 16 miles south of Highway 95 in Nye County, within ¼ mile of the Nevada-California state line. The domestic wastewater from the Park is treated in a non-aerated facultative pond system, consisting of a primary pond (0.93 acre), followed by a lined secondary pond (0.56 acre) and a percolation basin. The primary and secondary ponds are bentonite clay lined, and are constructed per engineered design. Flow is estimated, and is related to the number of occupied trailer sites. The estimate flow is 250-gallons/day/trailer site. Water is added to the primary facultative pond as needed to maintain an appropriate operating depth of three feet of fluid in the pond. The current flow to the primary pond is not generally high enough to result in appreciable flow to the secondary pond and percolation basin.

Receiving Water Characteristics:

The receiving water for this permit is groundwater. Depth to groundwater is reported to be 120 feet below ground surface. Groundwater flow direction is reported to be south-southwest. Groundwater is potable. Groundwater in the area is of relatively high pH (generally 8.3 Standard Units and higher)

Effluent Characteristics

During the period from 1986 through 1998, the average concentrations of BOD₅ and Total Suspended Solids were 13.4 and 39.3 mg/l, respectively, for effluent discharged to the percolation basin. From 1998 to present, the permit has required load limitations on pond influent, and effluent samples were not analyzed for BOD₅. During the term of the current permit, the load limitation of 50 pounds/acre/day was not exceeded.

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Proposed Effluent Limitations:

PARAMETER	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	30 - Day Average	Daily Maximum	Measurement Frequency	Sample Type
Flow (MGD)	0.022	0.032	Continuous	Estimate
Effluent CBOD ₅ (mg/l)	40	60	Quarterly	Discrete
Effluent TSS ⁽¹⁾ (mg/l)	---	90	Quarterly	Discrete

(1) CBOD₅ = Inhibited 5-Day Biological Oxygen Demand

(2) TSS = Total Suspended Solids

Operator Requirements: Should the flow reach a 30-Day Average flow of 10,000 gallons per day, a Grade I Certified Operator must operate the facility.

Schedule of Compliance:

The Permittee shall implement and comply with the provisions of the schedule of compliance after approval by the Administrator, including in said implementation and compliance, any additions or modifications that the Administrator may make in approving the schedule of compliance.

- a. The Permittee shall achieve compliance with the effluent limitations upon issuance of the permit.
- b. **Within 90 days of permit issuance**, the Permittee shall submit any necessary updates to the O&M Manual.

Rationale for Permit Requirements:

The Division's rationale for the proposed monitoring conditions is as follows:

- **Flow:** Flow is tracked to ensure that the design capacity of the treatment system is not exceeded, and that the proper monitoring regimen is followed when the facility nears design capacity.
- **CBOD₅:** The Division requires the monitoring of effluent Carbonaceous Biochemical Oxygen Demand (CBOD₅ or Inhibited BOD) as an indicator of treatment performance in the pond. The limitations are set under special conditions of post-primary treatment. The renewed permit requires sampling on a quarterly basis.
- **TSS:** The TSS limit is set at 90 mg/L, at the standard expected for waste stabilization ponds. Other similarly operated waste stabilization ponds within the State meet the 90-mg/l standard.

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Proposed Determination:

The Division has made the determination to issue the proposed renewal permit for a five-year period.

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to the groundwater of the State of Nevada, subject to the conditions contained within the permit, is being sent to the **Pahrump Valley Times** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator. **All comments must be received by NDEP by 5:00 pm, July 8, 2005.**

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator or any interested agency, person or group of persons. The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted. Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Prepared by: Janine O. Hartley
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